



#7

EXPRESS MAIL SERVICE

Date 12/12/01 Label No. EL 767720502W
I hereby certify that, on the date indicated above, this paper or
fee was deposited with the U.S. Postal Service & that it was
addressed for delivery to the Assistant Commissioner for
Patents, Washington, DC 20231 by "Express Mail Post Office
to Addressee" service.

PLEASE CHARGE ANY DEFICIENCY UP TO \$300.00 OR
CREDIT ANY EXCESS IN THE FEES DUE WITH THIS
DOCUMENT TO OUR DEPOSIT ACCOUNT NO. 04-0100

A. DiLullo A. DiLullo
Name (Print) Signature

Customer No.:



07278

PATENT TRADEMARK OFFICE

Docket No: 7529/1G148US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ali HEMMATI-BRIVANLOU and Curtis R. ALTMAN

Serial No.: 09/910,943

Art Unit: To be assigned

Confirmation No.: 3651

Filed: July 23, 2001

Examiner: To be assigned

For: ASSAYS AND MATERIALS FOR EMBRYONIC GENE EXPRESSION

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.97 and 1.98

U.S. Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Sir:

In order to comply with the duty to disclose information under 37
C.F.R. § 1.56, Applicants submit herewith an Information Disclosure Statement in
accordance with 37 CFR §§ 1.97 and 1.98. In particular, Applicants submit
herewith: (1) a Form PTO-1149 listing references for consideration by the
Examiner; and (2) copies of references 1-30 cited therein.

It is believed that no fee is required for this submission as this Information Disclosure Statement is timely submitted in accordance with 37 C.F.R. § 1.97(b)(3) and before any mailing of a first Office Action on the merits. However, should the U.S. Patent and Trademark Office determine that any fee is required or that any refund is due for this application, the Commissioner is authorized and requested to charge any required fee(s) and/or credit any refund(s) due to Deposit Account No. 04-0100.

In accordance with MPEP Sections 609 and 707.05(b), it is requested that each document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration by the Examiner and that it be cited of record in the prosecution history of the present application by initialing Form PTO-1449 next to the document. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application.

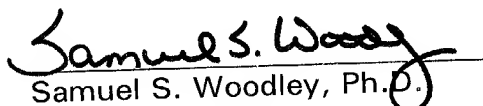
The present Information Disclosure Statement is being submitted in compliance with 37 CFR 1.56, but the citation of such document is not to be construed as an admission that such document is necessarily relevant or prior art.

No representation is intended that the cited documents represent the results of a complete search or that any search has been made. It is anticipated that the Examiner, in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104(a) and 1.106(b) and, in the course of each search, will review for relevance every document cited on the attached form even if not initialed.

Early and favorable consideration is earnestly solicited.

Respectfully submitted,

Dated: December 12, 2001


Samuel S. Woodley, Ph.D.
Reg. No. 43,287
Agent for Applicants

DARBY & DARBY, P.C.
805 Third Avenue
New York, N.Y. 10022
Phone (212) 527-7700



FORM PTO-148 U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE

SHEET 1 OF 3
(REV. 7-80)

LIST OF REFERENCES CITED BY APPLICANT
(Use Several Sheets if Necessary)

DOCKET NO.: 7529/1G148US1
APPLICANT: Ali HEMMATI-BRIVANLOU

SERIAL NO: 09/910,943
FILING DATE: July 23, 2001
CONFIRMATION NO.: 3651

U.S. PATENT DOCUMENTS

<u>*EXAMINER INITIALS</u>	<u>DOCUMENT NUMBER</u>	<u>DATE</u>	<u>NAME</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>FILING DATE</u>
	1. 6,045,996	4/4/00	Cronin et al.	435	6	5/16/96
	2. 6,040,138	3/21/00	Lockhart et al.	435	6	9/15/95
	3. 6,027,880	2/22/00	Cronin et al.	435	6	10/10/95
	4. 6,020,135	2/1/00	Levine et al.	435	6	3/27/98
	5. 5,968,740	10/19/99	Fodor et al.	435	6	3/5/97
	6. 5,959,098	9/28/99	Goldberg et al.	536	25.3	4/17/96
	7. 5,945,334	8/31/99	Besemer et al.	435	287.2	6/7/95
	8. 5,885,837	3/23/99	Winkler et al.	435	91.1	10/23/96
	9. 5,874,219	2/23/99	Rava et al.	435	6	4/9/96
	10. 5,861,242	1/19/99	Chee et al.	435	5	1/9/97
	11. 5,843,655	12/1/98	McGall	435	6	9/18/95
	12. 5,837,832	11/17/98	Chee et al.	536	22.1	5/16/95
	13. 5,677,195	10/14/97	Winkler et al.	436	518	11/20/92
	14. 5,593,839	1/14/97	Hubbell et al.	435	6	6/2/95

FOREIGN PATENT DOCUMENTS

<u>*EXAMINER INITIALS</u>	<u>DOCUMENT NUMBER</u>	<u>DATE</u>	<u>COUNTRY</u>	<u>CLASS</u>	<u>SUBCLASS</u>	<u>TRANSLATION</u> <u>YES</u> <u>NO</u>
-------------------------------	----------------------------	-------------	----------------	--------------	-----------------	--

OTHER REFERENCES
(INCLUDING AUTHOR, TITLE DATE, PERTINENT PAGES, ETC.)

<u>*EXAMINER INITIALS</u>
15. Schena, "Genome analysis with gene expression microarrays", Bioessays 1996, 18:427-431
16. Schena et al., "Parallel human genome analysis: Microarray-based expression monitoring of 1000 genes", Proc. Natl. Acad. Sci. USA 1996, 93:10614-10619



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE

SHEET 2 OF 3
(REV. 7-80)**LIST OF REFERENCES CITED BY APPLICANT**

(Use Several Sheets if Necessary)

DOCKET NO.: 7529/1G148US1
APPLICANT: Ali HEMMATI-BRIVANLOUSERIAL NO: 09/910,943
FILING DATE: July 23, 2001*EXAMINER
INITIALS

- 17/ P. Brown & D. Botstein, "Exploring the new world of the genome with DNA microarrays", Nature Genetics, vol. 1, Jan 1999, 21:33-37
- 18/ Shena et al., "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray", Science 1995, 270:467-470
19. L DeRisi et al., "Use of cDNA microarray to analyse gene expression patterns in human cancer", Nature Genetics 1996, 14:457-460
20. Shalon et al., "A DNA Microarray System for Analyzing Complex DNA Samples Using Two-color Fluorescent Probe Hybridization", Genome Res. 1996, 6:639-645
- 21/ Huber et al., "Quantitative FISH analysis and *in vitro* suspension cultures of erythroid cells from maternal peripheral blood for the isolation of fetal cells", Prenat. Diagn. 2000, 20:479-486
22. Adjaye et al., "Developmental expression of specific genes detected in high-quality cDNA libraries from single human preimplantation embryos", Gene 1999, 237:373-383
23. Adjaye et al., "cDNA Libraries from Single Human Preimplantation Embryos", Genomics 1997, 46:337-344
24. Daniels et al., "Transcription of tissue-specific genes in human preimplantation embryos", Hum. Reprod. 1997, 12:2251-2256
25. Weinstein et al., "Epidermal induction and inhibition of neural fate by translation initiation factor 4AIII", Development 1997, 124:4235-4242
26. Gaasterland and Sensen, "MAGPIE: automated genome interpretation", Trends Genet. 1996, 12:76-78
27. Gassterland and Sensen, "Fully automated genome analysis that reflects user needs and preferences. A detailed introduction to the MAGPIE system architecture", Biochimie 1996, 78:302-310
28. DeRisi et al., "Genome microarray analysis of transcriptional activation in multidrug resistance yeast mutants", FEBS Lett. 2000, 470:156-160



FORM PTO-144 PATENT & TRADEMARK OFFICE U.S. DEPARTMENT OF COMMERCE

SHEET 3 OF 3
(REV. 7-80)

LIST OF REFERENCES CITED BY APPLICANT

(Use Several Sheets if Necessary)

DOCKET NO.: 7529/1G148US1
APPLICANT: Ali HEMMATI-BRIVANLOU

SERIAL NO: 09/910,943
FILING DATE: July 23, 2001

*EXAMINER
INITIALS

29. Lashkari et al., "Yeast microarrays for genome wide parallel genetic and gene expression analysis", Proc. Natl. Acad. Sci. USA 1997, 94:13057-13062
30. DeRisi and Iyer, "Genomics and array technology", Curr. Opin. Oncol. 1999, 11:76-79